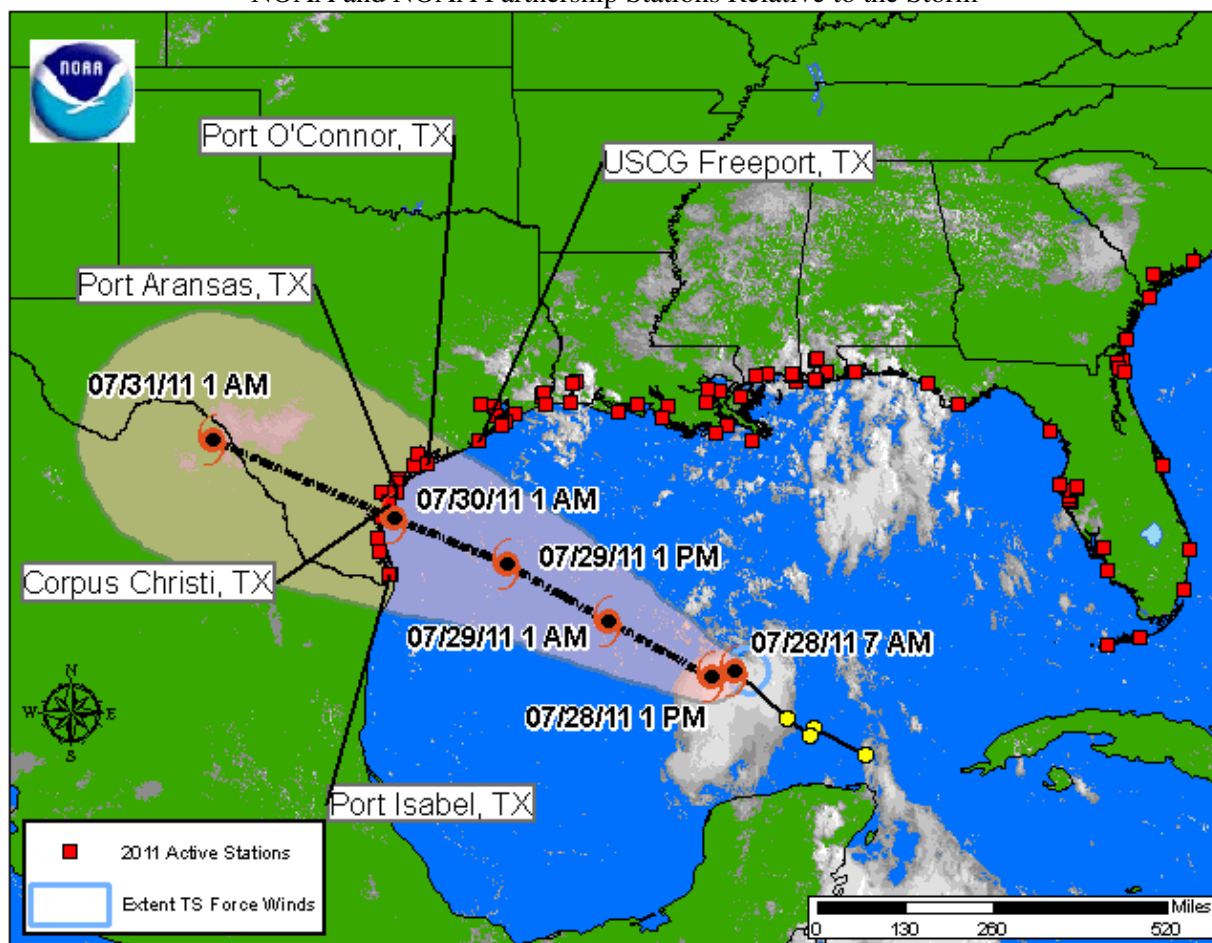




Tropical Storm DON QuickLook  
Posted: 11:30 CDT 07/28/2011

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 28 July 2011 1130 CDT, water levels along the Texas coast are near predicted values. Winds are generally weak and range between 5 and 15 kts. Barometric pressure is fluctuating across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX Next predicted high tides are 1.38 ft (0.42 m) at 07/29/2010 07:00 CDT and 1.32 ft (0.40 m) at 07/30/2010 07:08 CDT.

Corpus Christi, TX Next predicted high tides are 1.66 ft (0.51 m) at 07/29/2011 05:26 CDT and 1.60 ft (0.49 m) at 07/30/2011 05:42 CDT.

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Port Aransas, TX Next predicted high tides are 0.82 ft (0.25 m) at 07/29/2011 12:08 CDT and 0.83 ft (0.25 m) at 07/30/2011 13:24 CDT.

Port O'Connor, TX Next predicted high tides are 0.62 ft (0.19 m) at 07/29/2011 11:02 CDT and 0.57 ft (0.17 m) at 07/30/2011 11:38 CDT.

USCG Freeport, TX Next predicted high tides are 1.83 ft (0.56 m) at 07/29/2011 05:06 CDT and 1.79 ft (0.55 m) at 07/30/2011 05:26 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:DW

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SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL STORM DON ADVISORY NUMBER 4...CORRECTED

1000 AM CDT THU JUL 28 2011

CORRECTED FOR HEADLINE

...TROPICAL STORM WARNING ISSUED FOR A PORTION OF THE TEXAS COAST...HURRICANE HUNTER AIRCRAFT FINDS DON STRONGER...

WATCHES AND WARNINGS

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A TROPICAL STORM WARNING IS NOW IN EFFECT FOR THE TEXAS COAST FROM PORT MANSFIELD TO SAN LUIS PASS.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

\* TEXAS COAST FROM PORT MANSFIELD TO SAN LUIS PASS

A TROPICAL STORM WATCH IS IN EFFECT FOR...

\* TEXAS COAST SOUTH OF PORT MANSFIELD TO THE MOUTH OF THE RIO GRANDE

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 48 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

## DISCUSSION AND 48-HOUR OUTLOOK

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AT 1000 AM CDT...1500 UTC...THE CENTER OF TROPICAL STORM DON WAS LOCATED 520 MI ESE OF CORPUS CHRISTI, TX AND ABOUT 480 MI ESE OF BROWNSVILLE, TX. A GENERAL MOSTION TOWARD THE NORTHWEST OR WEST-NORTHWEST IS EXPECTED THROUGH SATURDAY. ON THIS TRACK...THE CENTER OF DON SHOULD CROSS THE CENTRAL GULF OF MEXICO TODAY...APPROACH THE TEXAS COAST ON FRIDAY....AND REACH THE TEXAS COAST FRIDAY NIGHT OR SATURDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. GRADUAL STRENGTHENING IS FORECAST DURING THE NEXT 36 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 60 MILES FROM THE CENTER. A MEXICAN AUTOMATED STATION AT ISLA PEREZ IN THE GULF OF MEXICO RECENTLY REPORTED A WIND GUST OF 38 MPH.

THE MINIMUM CENTRAL PRESSURE EXTRAPOLATED BY THE HURRICANE HUNTER AIRCRAFT IS 1001 MB...29.56 INCHES.

## HAZARDS AFFECTING LAND

-----  
WIND...TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA BY LATE FRIDAY OR FRIDAY NIGHT. TROPICAL STORM CONDITIONS ARE POSSIBLE IN THE WATCH AREA BY LATE FRIDAY OR FRIDAY NIGHT.

STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 1 TO 2 FEET ABOVE GROUND LEVEL...MAINLY ALONG THE IMMEDIATE COAST NEAR AND TO THE NORTHEAST OF WHERE THE CENTER MAKES LANDFALL. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE AND DAMAGING WAVES.

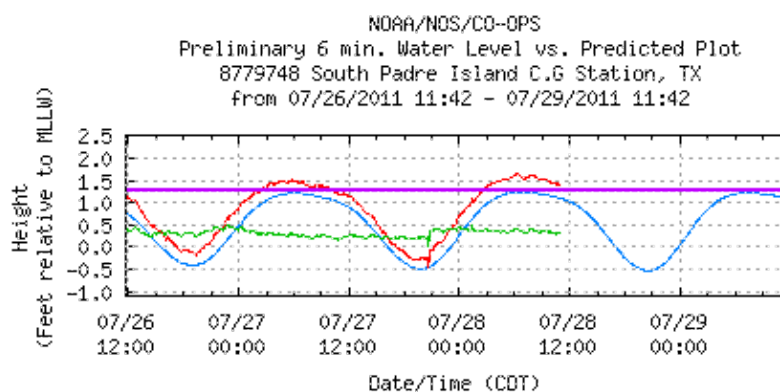
RAINFALL...DON IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 5 INCHES FROM THE CENTRAL TEXAS COAST WESTWARD INTO SOUTH CENTRAL TEXAS...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 7 INCHES.

FORECASTER BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [South Padre Island C.G Station - Water Level](#), [South Padre Island C.G Station - Winds](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Port Aransas - Water Level](#), [Port Aransas - Winds](#), [Port O'Connor - Water Level](#), [Port O'Connor - Winds](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#).

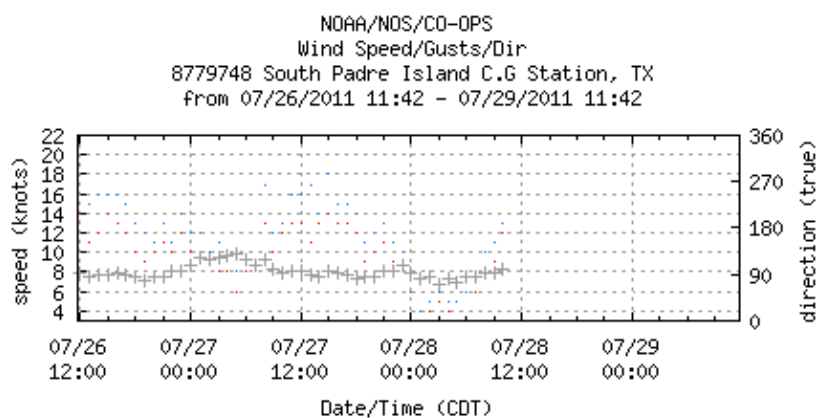
South Padre Island C.G Station, TX - Return to List



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 07/28/2011 10:54 (CDT)  
Relative to MLLW: **Observed: 1.40 ft.** **Predicted: 1.10 ft.** **Residual: 0.30 ft.**  
Historical Maximum Water Level: , 0 ft. above MHHW

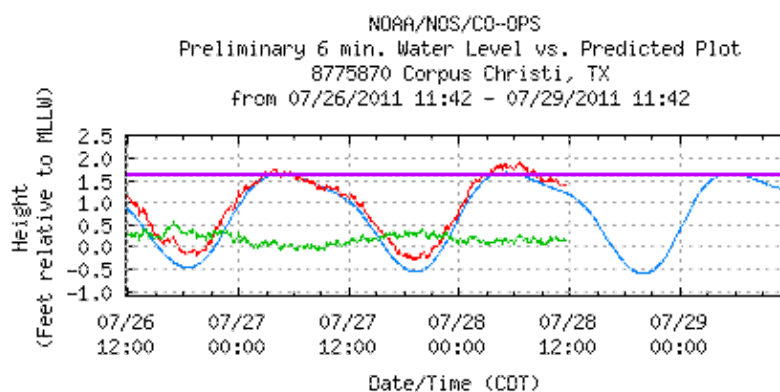
South Padre Island C.G Station, TX - Return to List



speed — gusts — direction +

Last Observed Sample: 07/28/2011 10:00 (CDT)  
**Wind Speed: 12 knots** **Gusts: 13 knots** **Direction: 100° T**

Corpus Christi, TX - Return to List

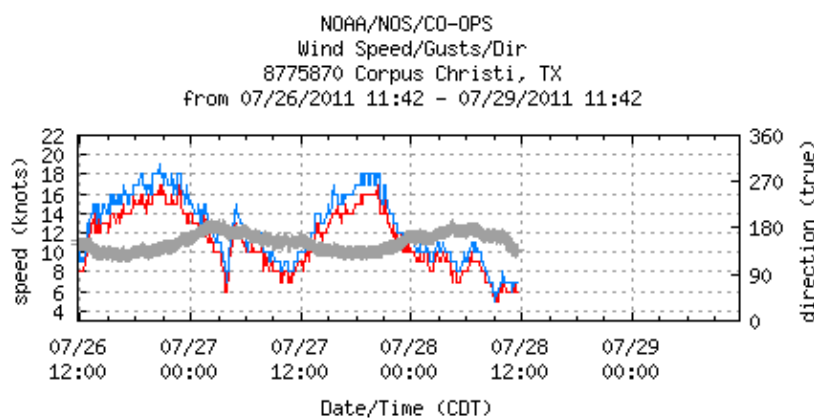


Last Observed Sample: 07/28/2011 11:30 (CDT)

Relative to MLLW: **Observed: 1.38 ft.** **Predicted: 1.22 ft.** **Residual: 0.16 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above MHHW

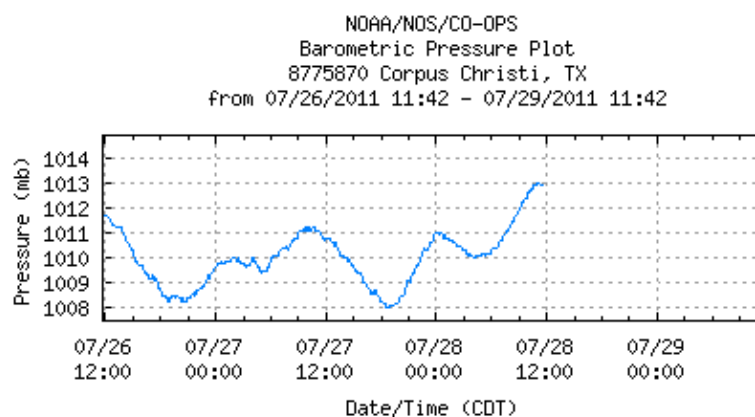
Corpus Christi, TX - Return to List



Last Observed Sample: 07/28/2011 11:30 (CDT)

**Wind Speed: 6 knots** **Gusts: 7 knots** **Direction: 138° T**

Corpus Christi, TX - Return to List

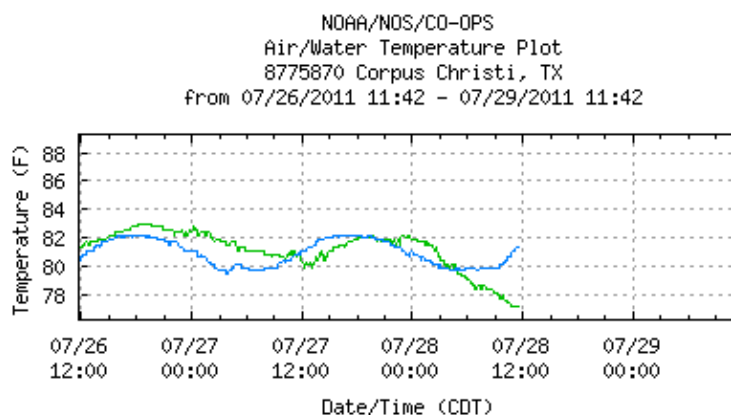


barometric pressure —

Last Observed Sample: 07/28/2011 11:30 (CDT)

Barometric Pressure: 1012.9 mb

Corpus Christi, TX - Return to List



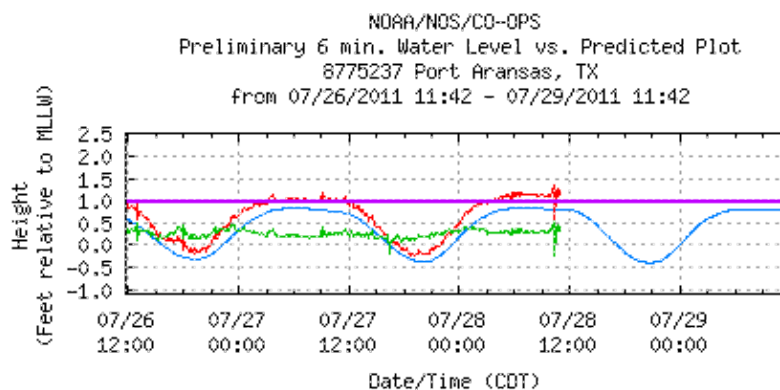
water temp. —

air temp —

Last Observed Sample: 07/28/2011 11:30 (CDT)

Water Temperature: 77.2° F Air Temperature: 81.3° F

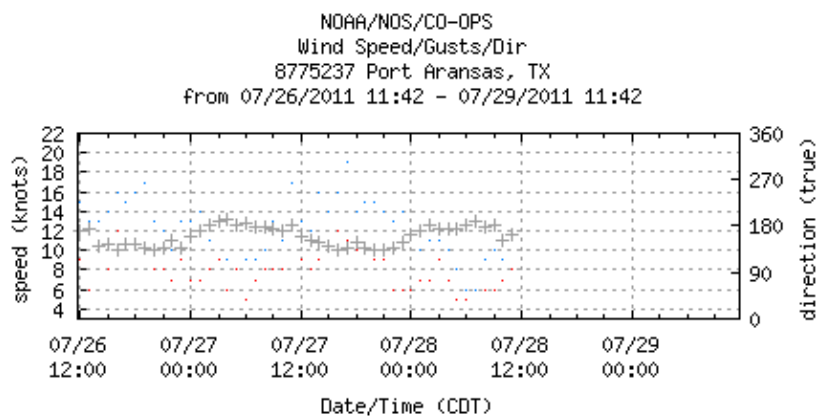
Port Aransas, TX - Return to List



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 07/28/2011 11:00 (CDT)  
Relative to MLLW: **Observed: 1.12 ft. Predicted: 0.80 ft. Residual: 0.32 ft.**  
Historical Maximum Water Level: , 0 ft. above MHHW

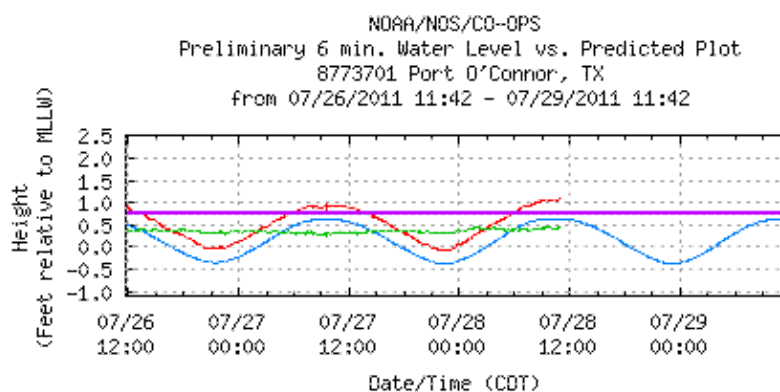
Port Aransas, TX - Return to List



speed — gusts — direction +

Last Observed Sample: 07/28/2011 11:00 (CDT)  
**Wind Speed: 8 knots Gusts: 11 knots Direction: 163° T**

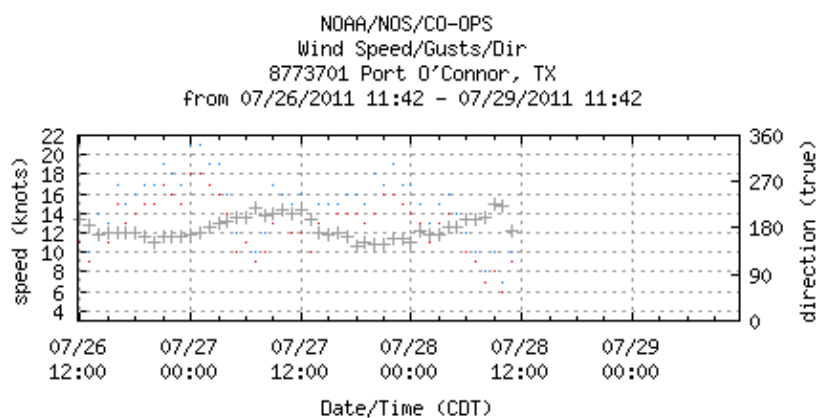
Port O'Connor, TX - Return to List



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 07/28/2011 11:00 (CDT)  
Relative to MLLW: **Observed: 1.08 ft.** **Predicted: 0.63 ft.** **Residual: 0.45 ft.**  
Historical Maximum Water Level: , 0 ft. above MHHW

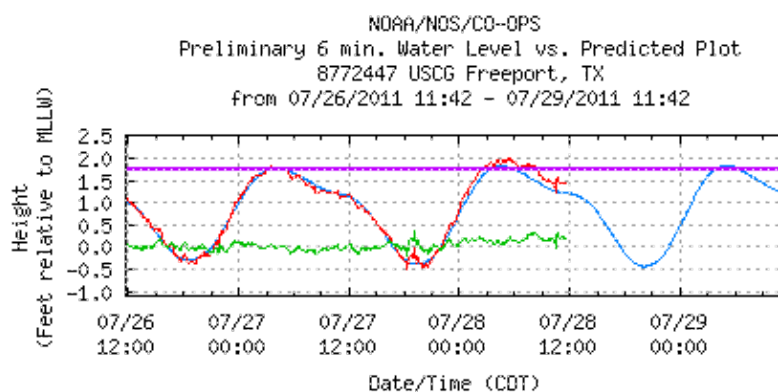
Port O'Connor, TX - Return to List



speed — gusts — direction +

Last Observed Sample: 07/28/2011 11:00 (CDT)  
**Wind Speed: 9 knots** **Gusts: 10 knots** **Direction: 176° T**

USCG Freeport, TX - Return to List

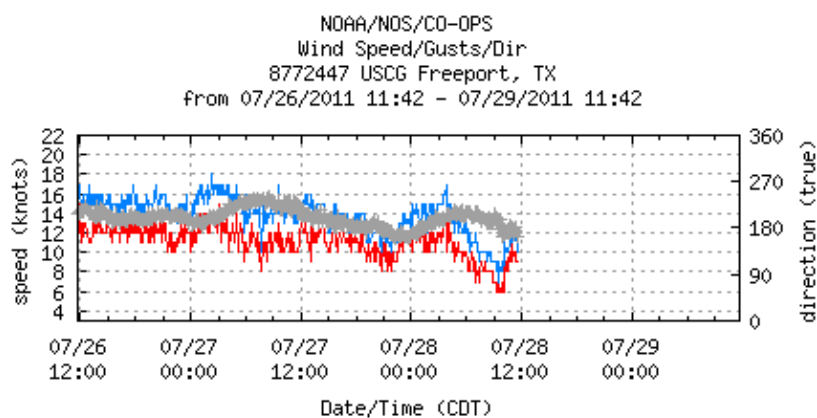


Last Observed Sample: 07/28/2011 11:30 (CDT)

Relative to MLLW: **Observed: 1.43 ft.** **Predicted: 1.22 ft.** **Residual: 0.21 ft.**

Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above MHHW

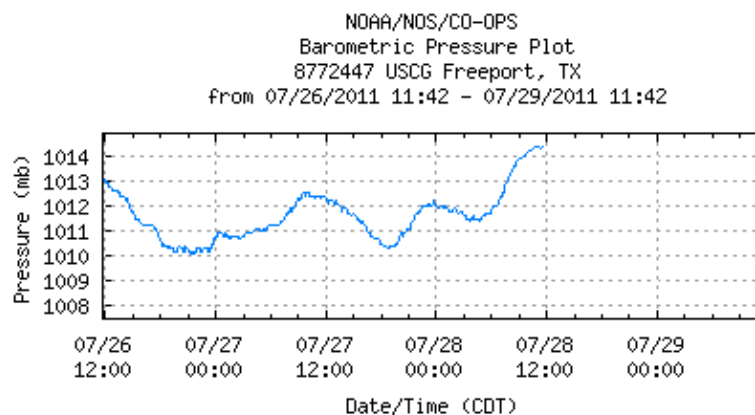
USCG Freeport, TX - Return to List



Last Observed Sample: 07/28/2011 11:30 (CDT)

**Wind Speed: 9 knots** **Gusts: 10 knots** **Direction: 162° T**

USCG Freeport, TX - Return to List

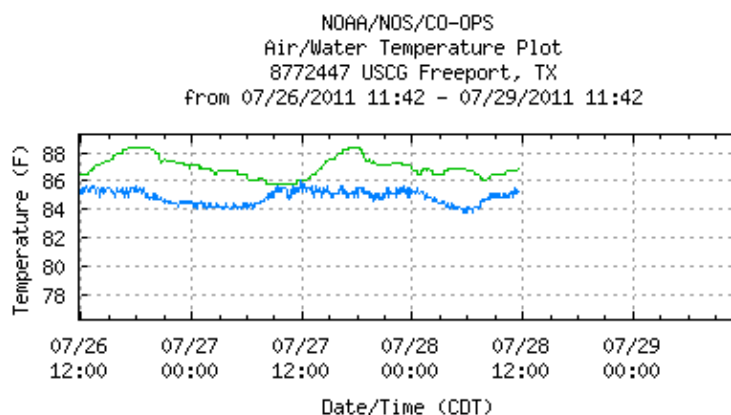


barometric pressure —

Last Observed Sample: 07/28/2011 11:30 (CDT)

Barometric Pressure: 1014.4 mb

USCG Freeport, TX - Return to List



water temp. — air temp —

Last Observed Sample: 07/28/2011 11:30 (CDT)

Water Temperature: 86.9° F Air Temperature: 85.3° F

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National Oceanic and Atmospheric Administration | U.S. Department of Commerce